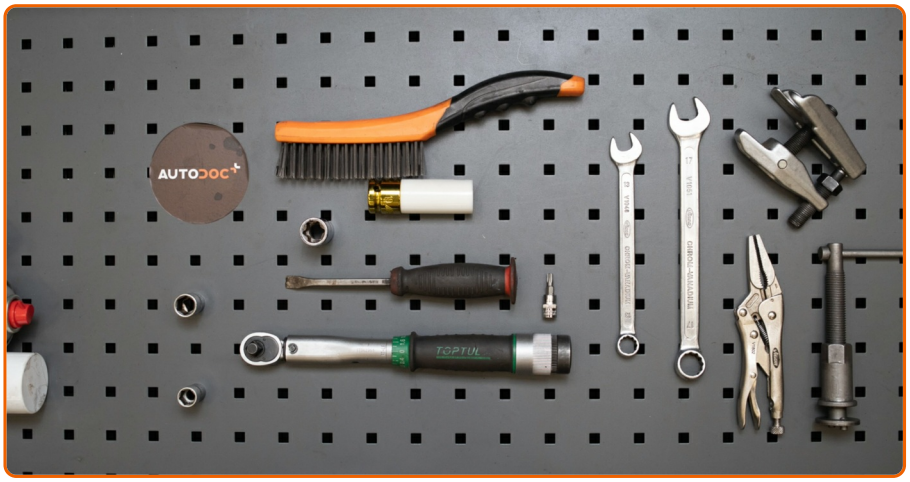
VIDEO TUTORIAL

ⓘ Important!

This replacement procedure can be used for:
OPEL ASTRA G Coupe (T98) 1.6 16V (F07), OPEL ASTRA G Estate (T98) 1.6 16V (F35), OPEL ASTRA G Hatchback (T98) 1.6 16V (F08, F48), OPEL ASTRA G Saloon (T98) 1.6 16V (F69), OPEL MERIVA A MPV (X03) 1.6 16V (E75), OPEL ZAFIRA A MPV (T98) 1.6 (F75), OPEL ZAFIRA A MPV (T98) 1.6 16V (F75)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE DISCS – OPEL MERIVA X03. TOOLS YOU'LL NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #13
- Combination spanner #17
- Drive socket # 13
- Drive socket # E20
- Torx bit T30
- Wheel impact socket #17
- Brake caliper wind back tool
- Ratchet wrench
- Tap wrench
- Rubber mallet
- Water pump pliers
- Crow bar
- Wheel chock

Replacement: brake discs – Opel Meriva X03. AUTODOC recommends:

- Replace the brake disks on the car Opel Meriva X03 in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE DISCS – OPEL MERIVA X03. RECOMMENDED SEQUENCE OF STEPS:

1

Open the bonnet. Unscrew the brake fluid reservoir cap.

2

Secure the wheels with chocks.

3

Loosen the wheel mounting bolts. Use wheel impact socket #17.

4

Raise the rear of the car and secure on supports.

5

Unscrew the wheel bolts.

AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. Opel Meriva X03

6

Remove the wheel.

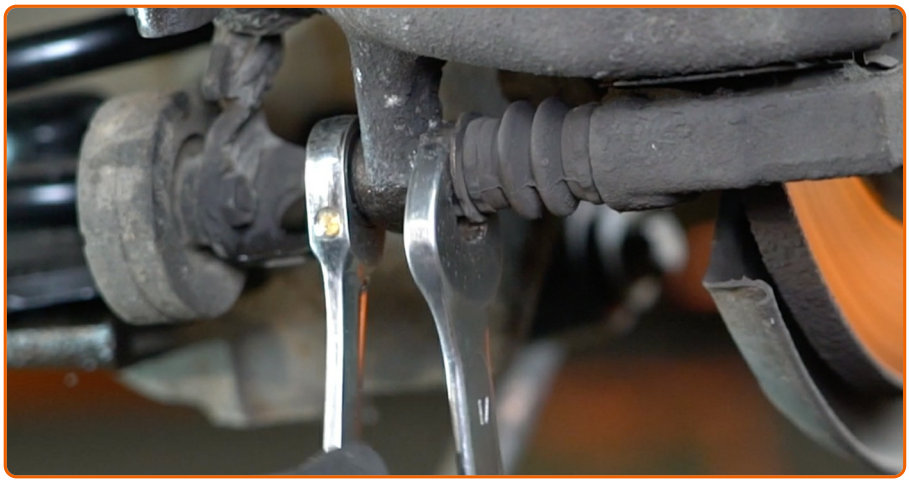
7

Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

8

Release the parking brake cable. Use water pump pliers. Use a crowbar.

9



Unscrew the brake caliper fastening. Use a combination spanner #13. Use a combination spanner #17.

10

Spread the brake pads. Use a crowbar.

11

Remove the brake caliper.

Replacement: brake discs – Opel Meriva X03. Tip from AUTODOC experts:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

12

Remove the brake pads. Use a crowbar.

13

Clean the brake caliper bracket fasteners. Use a wire brush. Use a brake cleaner.

AUTODOC recommends:

- Replacement: brake discs – Opel Meriva X03. After applying the spray, wait a few minutes.

14

Unscrew the caliper bracket fastening. Use a drive socket #E20. Use a tap wrench.

15

Remove the caliper bracket.

16

Clean the brake disc fasteners. Use a wire brush. Use WD-40 spray.

17

Unscrew the brake disc fastening. Use Torx T30. Use a ratchet wrench.

18

Remove the brake disc.

Replacement: brake discs – Opel Meriva X03. Professionals recommend:

- If necessary, use a rubber mallet.

19

Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.

20

Install the brake disc.

21

Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 8 nm torque.

22

Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

AUTODOC recommends:

- Replacement: brake discs – Opel Meriva X03. After applying the spray, wait a few minutes.

23

Install the brake caliper bracket.

24

Tighten the brake caliper bracket. Use a drive socket #E20. Use a torque wrench. Tighten it to 70 nm torque.

25

Install the brake pads.

26

Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.

AUTODOC recommends:

- Replacement: brake discs – Opel Meriva X03. After applying the spray, wait a few minutes.

27

Press in the brake caliper piston. Use brake caliper wind back tool.

28

Install the brake caliper and fix it. Use a combination spanner #17. Use a drive socket #13. Use a torque wrench. Tighten it to 35 nm torque.

29

Install the parking brake cable into the brake caliper bracket. Use water pump pliers. Use a crowbar.

30

Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

31

Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- Replacement: brake discs – Opel Meriva X03. After applying the spray, wait a few minutes.

32

Install the wheel.

AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. Opel Meriva X03

33

Screw in the wheel bolts. Use wheel impact socket #17.

34

Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.

35

Remove the jacks and chocks.

Replacement: brake discs – Opel Meriva X03. Tip from AUTODOC:

- Check the brake fluid level in the expansion tank and refill if necessary.

36

Tighten the brake fluid reservoir cap. Close the hood.

Replacement: brake discs – Opel Meriva X03. Tip from AUTODOC experts:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES NO

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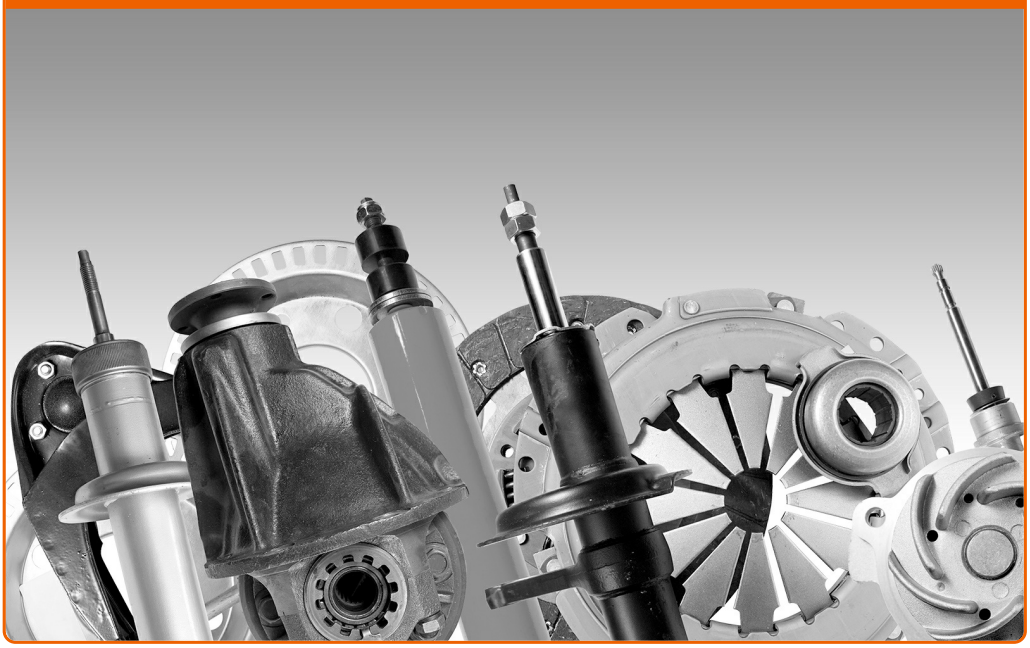

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BRAKE DISCS: A WIDE SELECTION

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BRAKE DISCS FOR OPEL MERIVA X03: THE BEST DEALS & OFFERS

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